

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Douglas E. Hudson, Dana G. Butcher, Richard B. Gates and James Pelrin

For (title): WORKPIECE CHUCK WITH
TEMPERATURE CONTROL
ASSEMBLY HAVING SPACERS
BETWEEN LAYERS PROVIDING
CLEARANCE FOR
THERMOELECTRIC MODULES

1. Type of Application This new application is for
a(n)

- ☐ Original (nonprovisional)
☐ Design
☐ Plant
☐ Divisional.
☐ Continuation.
☒ Continuation-in-part (C-I-P).

2. Benefit of Prior Application(s)

- ☒ The new application being transmitted claims the benefit of prior U.S. patent application(s) serial number 60/448,203 filed on February 18, 2003 and U.S. patent application serial number 10/193,361, filed on July 11, 2002.

3. Papers Enclosed

10 Pages of specification
7 Pages of claims
1 Page of Abstract
12 Sheets of drawings
☐ formal
☒ informal
 Page of Cover Sheet

- ☐ The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

<p align="center">CERTIFICATE OF MAILING 37 C.F.R. § 1.10 "Express Mail" Mailing Label Number Ev322655405US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Date: <u>7-10-03</u> <u>Christopher Hren</u> <u>CHRISTOPHER HREN</u> Print Name</p>
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17958 U.S. PTO
10/617200
07/10/03

4. Additional papers enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement (37 C.F.R. 1.98)
- ☐ Form PTO-1449 (PTO/SB/08A and 08B)
- ☐ Copies of cited references
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Authorization of Attorney(s) to Accept and Follow Instructions from Representative
- ☐ Special Comments
- ☒ Other: Return Postcard.

5. Declaration or oath

- ☒ Enclosed
 - ☒ Unexecuted
 - ☐ Executed by
 - ☐ inventors
 - ☐ legal representative of inventor(s).
37 CFR 1.42 or 1.43.
 - ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - ☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.
- ☐ Not Enclosed
- ☐ Application is made by a person authorized under 37 C.F.R. 1.41 (c) on behalf of all the above named inventor(s).
 - ☐ Showing that the filing is authorized.

6. Assignment

- ☐ An assignment of the invention to _____
 - ☐ is attached. A separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached. will follow.

7. Certified Copy

Certified copy(ies) of application(s)

Country	Appln. no.	Filed
Country	Appln. no.	Filed
Country	Appln. no.	Filed

from which priority is claimed

- ☐ is (are) attached.
☐ will follow.

8. Fee Calculation (37 C.F.R. 1.16)

CLAIMS AS FILED					
	Number filed		Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) <u>\$750.00</u>
Total					
Claims (37 CFR 1.16(c))	46	- 20 =	26	\$ 18.00	\$468.00
Independent					
Claims (37 CFR 1.16(b))	4	- 3 =	1	\$ 84.00	\$84.00
Multiple dependent claim(s), if any (37 CFR 1.16(d))			+	\$280.00	

- ☐ A Preliminary Amendment is enclosed. The filing fee is calculated based on the status and number of claims remaining after entry of the Preliminary Amendment.
- ☐ Amendment deleting multiple-dependencies is enclosed.
- ☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

\$ 1,302.00

9. Small Entity Statement(s)

☐ Verified Statement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is (are) attached.

☐ Status as a small entity was claimed in prior application _____, filed on _____
from which benefit is being claimed for this application under:

35 U.S.C. ☐ 119(e),

☐ 120,

☐ 121,

☐ 365(c),

and which status as a small entity is still proper and desired.

☐ A copy of the verified statement in the prior application is included.

Filing Fee Calculation (50% of A, B or C above)

\$ _____

10. Fee Payment Being Made at This Time

☐ Not Enclosed

☐ No filing fee is to be paid at this time.
(This and the surcharge required by 37 C.F.R. 1.16(e) can be paid subsequently.)

☒ Enclosed

☒ Basic filing fee \$ 1,302.00

☐ Recording assignment
(\$40.00; 37 C.F.R. 1.21(h))
(See attached "COVER SHEET FOR ASSIGNMENT
ACCOMPANYING NEW APPLICATION".) \$ _____

Total fees enclosed \$ 1,302.00

11. Method of Payment of Fees

☒ Check in the amount of \$ 1,302.00

☐ Charge Account No. 50-1798 in the amount of \$ _____
A duplicate of this transmittal is attached.

12. Authorization to Charge Additional Fees

☒ The Commissioner is hereby authorized to charge the following additional fees during the entire pendency of this application to Account No. 50-1798.

☒ 37 C.F.R. 1.16(a), (f) or (g) (filing fees)

☒ 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)

☐ 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 C.F.R. 1.17 (application processing fees)

☐ 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))


13. Instructions as to Overpayment

☒ Credit Account No. 50-1798

☐ Refund

Respectfully submitted,

Date: July 10, 2003
MILLS & ONELLO LLP
Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
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Attorney for Applicants

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Douglas E. Hudson, et al.
Filing Date: Herewith
Title: WORKPIECE CHUCK WITH TEMPERATURE CONTROL ASSEMBLY
HAVING SPACERS BETWEEN LAYERS PROVIDING CLEARANCE
FOR THERMOELECTRIC MODULES

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322655405US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

7-10-03

Date


Christopher J. Hren

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

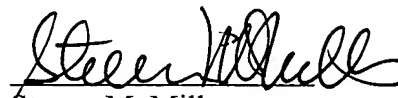
Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. New Patent Application Transmittal;
2. New Continuation-In-Part (CIP) Application;
3. Unexecuted Declaration, Petition and Power of Attorney;
4. Twelve (12) Sheets of Informal Drawings (Figures 1-13, 14A-14E and 15);
5. Check in the amount of \$1,302.00 to cover filing fee; and
6. Return Postcard.

Respectfully submitted,

Date: July 10, 2003
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Eleven Beacon Street, Suite 605
Boston, MA 02108
Telephone: (617) 994-4900
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